

Mail Stop Patent Application
COMMISSIONER FOR PATENTS
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Alexandria, VA 22313-1450

DATE: 12-11-03

Assignee Name: International Business Machines Corporation
Assignee Residence: Armonk, New York

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventors: Hung Cai Ngo

For: METHODS & ARRANGEMENTS FOR A LOW POWER PHASE-LOCKED LOOP

Enclosed are:

- ☒ Patent Specification and Declaration (Specification, incl. Abstract – 19 pages) (Declaration – 2 pages)
- ☒ Sheets of drawing(s). (Formal) (6 sheets)
- ☒ An assignment of the invention to International Business Machines Corporation (includes Recordation Form Cover Sheet)

☐ A certified copy of a _____ application.

☒ Information Disclosure Statement, PTO 1449.

The filing fee has been calculated as shown below:

For	Number Filed	Number Extra	Rate	Fee
Basic Fee				\$770.00
Total Claims	20-20	0	\$18.00	\$ 0.00
Indep. Claims	3- 3	0	\$86.00	\$ 0.00
MULTIPLE DEPENDENT CLAIM PRESENTED			\$290.00	\$ 0.00
TOTAL:				\$770.00

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☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0447. A duplicate copy of this sheet is enclosed.

☒ Any additional filing fees required under 37 CFR 1.16.

☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

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